

**BALLY REF BOXES**  
**MATERIAL SAFETY DATA SHEET****B-SIDE  
RESIN****Stepan S.****1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Trade Name **STEPANFOAM RI9660**  
Manufacturer **Stepan Company**  
**22 West Frontage Road**  
**Northfield, IL 60093 USA**

Telephone Numbers - 24 Hour Emergency Assistance

Medical **800-228-5635**  
Chemtrec **800-424-9300**  
Chemtrec Int'l **703-527-3887**

Telephone Numbers - General Assistance

General **(847) 446-7500**

Product Class **Hctc-141(b) blown polyol**

Product Number **9660**

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient Name	CAS Number	Percent
Dichlorofluoroethane	1717-00-6	17 %

**3 HAZARDS IDENTIFICATION****Emergency Overview**

May cause severe irritation to eyes and skin.

**Health Effects: Eyes**

This product may cause irritation to the eyes.

**Health Effects: Skin**

Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

**Health Effects: Inhalation**

Inhalation of vapors or mists of the product may be irritating to the respiratory system. Breathing high concentrations of fluorocarbons can cause narcosis, anesthesia, and suffocation.

**4 FIRST AID MEASURES****Eyes**

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

**Skin**

For skin contact flush with large amounts of water. If irritation persists, get medical attention. Immediately take off all contaminated clothing. Wash contaminated clothing before reuse.

#### Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen.

#### Ingestion

If the material is swallowed, get immediate medical attention or advice.

## 5 FIRE FIGHTING MEASURES

Flash Point (> 93.9 °C), > 201 F

#### Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

#### Fire Fighting Equipment / Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## 6 ACCIDENTAL RELEASE MEASURES

#### SPILL AND LEAK PROCEDURES

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Dike ahead of liquid spill for later disposal. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Surfaces may become slippery after spillage.

## 7 HANDLING & STORAGE

#### Handling Procedures

Wash thoroughly after handling.

#### Storage Procedures

Store in a cool, dry, well-ventilated area. Room temperature - normal conditions. Vent container carefully, as needed to relieve pressure.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

#### Personal Protective Equipment: Eyes/Face

Wear chemical goggles or a full face shield.

#### Personal Protective Equipment: Skin

Wear suitable protective clothing. Use impervious gloves.

#### Personal Protective Equipment: Respiratory

If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

#### Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

Dichlorofluoroethane

1717-00-8

AJHA (American Industrial Hygiene Association) - 500 ppm TWA  
WEEL - TWAs

## 9 PHYSICAL & CHEMICAL PROPERTIES

Flash Point (> 93.9 °C), > 201 F  
Boiling Point (32.2 °C), 90 F DEG F (32 DEG C.)  
Specific Gravity (10 lb/gal), 1.2019 g/ml  
Percent Volatile 19 % (ww)  
Vapor Pressure Estimated 517 mm Hg @ 70 Deg. F. (21 Deg. C.)  
Vapor Density Estimated heavier than air.  
Evaporation Rate Estimated slower than ethyl ether.

## 10 STABILITY & REACTIVITY

### Chemical Stability

Stable under normal conditions.

### Incompatibility

This product may react with strong oxidizing agents.

### Hazardous Decomposition

Decomposition may yield toxic fluorides and chlorides.

### Hazardous Polymerization

Will not occur.

## 11 TOXICOLOGICAL INFORMATION

### Carcinogenicity

Not available.

Dichlorofluoroethane

1717-00-8

NIOSH - Selected LD50s and LC50s

Inhalation LC50 Rat: 56700 mg/kg/6H; Inhalation LC50  
Mouse: 151 g/m3/2H; Oral LD50 Rat: >5 g/kg; Dermal  
LD50 Rabbit >2 g/kg

## 12 ECOLOGICAL INFORMATION

## 13 DISPOSAL CONSIDERATIONS

### Disposal Instructions

This substance, when discarded or disposed of, is not specifically listed as a "Hazardous Waste" in the Federal regulations; however it could be characteristically hazardous if it is considered toxic, corrosive, ignitable, or reactive according to Federal definitions (40 CFR 261). Additionally, it could be designated as hazardous according to state regulations. This substance could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. Check 40 CFR 261 to determine whether it is a hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262, 263, 264, 268 and 270 apply. Chemical additions, processing or otherwise altering this material may make the material management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this material must be conducted in compliance with all applicable federal, state, and local regulations.

## 14 TRANSPORT INFORMATION

DOT Proper Shipping Name Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

## 15 REGULATORY INFORMATION

### U.S. Federal Regulations

\_Dichlorofluoroethane 1717-00-6

CERCLA/SARA - Section 313 - Emission Reporting 1.0 % de minimis concentration

TSCA (Toxic Substances Control Act) - Section 8(d) - 716.120(a) - Health and Saf Effective 10/15/90; Sunset 11/9/93

Ingredient Name	CAS Number	Percent
_Dichlorofluoroethane	1717-00-6	17 %

### Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA).

There is no calculable reportable quantity (RQ) for this product.

## 16 OTHER INFORMATION

### Disclaimer

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Completed On 10/5/04 Replaces Sheet Dated 04/05/2001  
Completed By Product Safety & Compliance